

**R-WD-07-36
Appendix**

**Development and analysis of a Target Fish Community model
to assess the biological integrity of the
Lamprey Designated River, New Hampshire,
and to identify indicator fish species for a MesoHABSIM model**

Appendix

**Potential reference rivers selected for consideration in the
development of a Target Fish Community (TFC) model for the
Lamprey Designated River, New Hampshire**

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This Appendix to the Lamprey Target Fish Community (TFC) Report, *Development and analysis of a Target Fish Community Model to assess the biological integrity of the Lamprey Designated River, New Hampshire and to identify indicator species for a MesoHABSIM model*, presents a map (**Figure 1**) and corresponding list (**Key to Figure 1**) of the rivers, or river-segments, selected by the Reference River Selection Model (RRSM) to be considered as potential references in the development process of the Lamprey Designated River TFC model. The RRSM selected rivers that have geomorphic and zoogeographic characteristics which are similar to the characteristics of the Lamprey Designated River. Rivers that were deemed to be in poor ecological condition, lacking fish sample data or possessing inadequate data were eliminated from consideration. Data from the remaining rivers were used to calculate the Lamprey Designated River TFC.

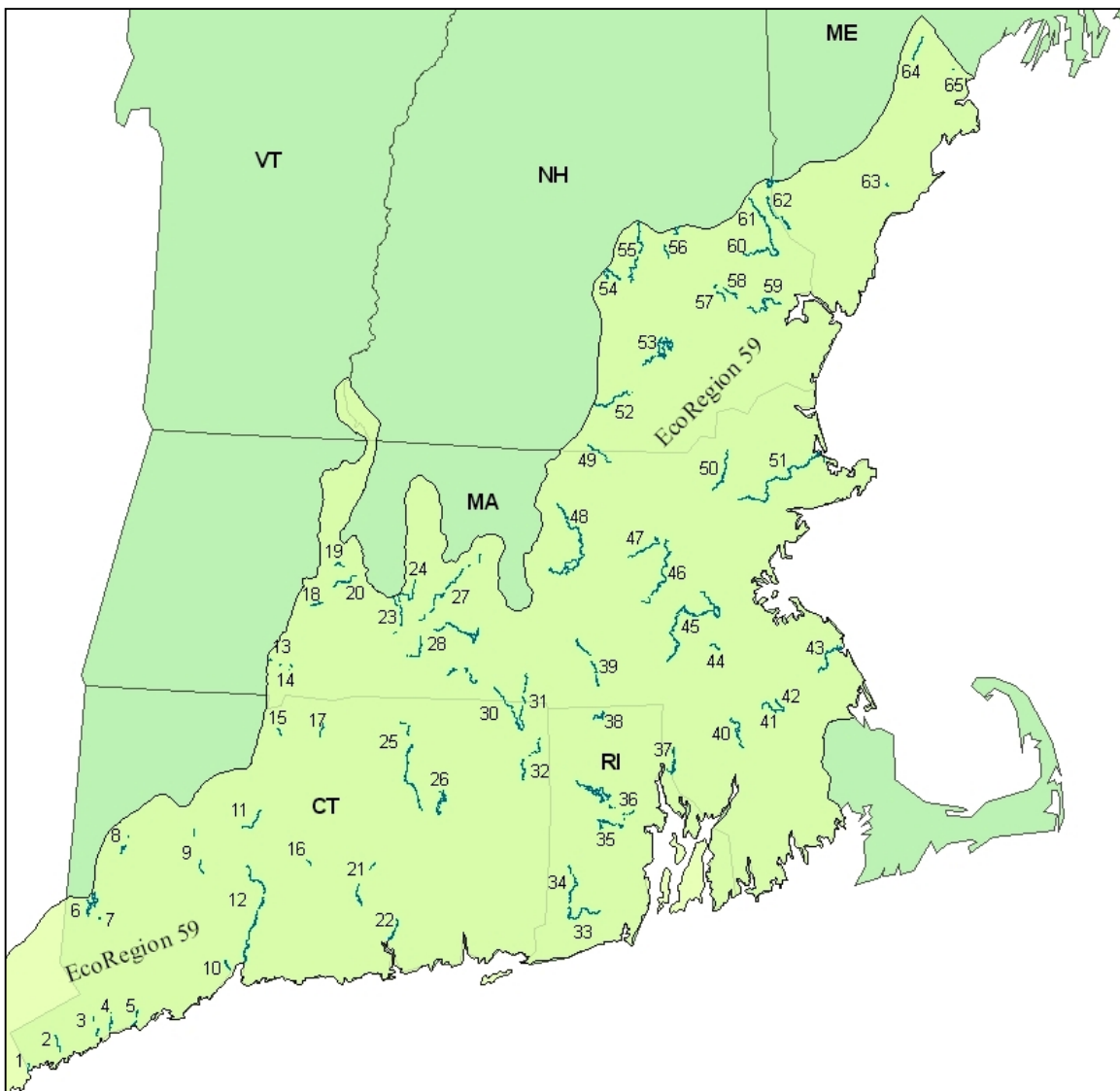


Figure 1. Rivers or river-segments (see key below) selected by the Reference River Selection Model (RRSM) for consideration as potential reference rivers in the development of a Target Fish Community (TFC) model for the Lamprey Designated River.

Key to Figure 1. A complete listing of the names associated with the numbers used to identify the rivers or river-segments illustrated in Figure 1. The final rivers or river-segments selected as reference rivers from which fish data were used to develop the Lamprey Designated River TFC are listed in **bold text**. The Lamprey Designated River segment is listed in *italics*.

A Key to the Map of the Potential Reference Rivers for the Lamprey Designated River:	
1 Byram River	34 Wood River
2 Rippowan River	35 South Branch Pawtuxet River
3 Norwalk River	36 Pawtuxet River
4 Saugatuck River	37 Ten Mile River
5 Mill River	38 Branch River
6 Upper Still River	39 Blackstone River
7 Still River	40 Mill River
8 Shepaug River	41 Town River
9 Naugatuck River	42 Taunton River
10 West River	43 North River
11 Farmington River	44 Neponset River
12 Quinnipiac River	45 Charles River
13 Little River	46 Sudbury River
14 Munn Brook	47 Assabet River
15 West Branch Farmington River	48 Nashua River
16 Mattabesset River	49 Nissitissit River
17 Stony Brook	50 Shawsheen River
18 Manhan River	51 Ipswich River
19 Mill River	52 Souhegan River
20 Fort River	53 Cohas Brook
21 Salmon River	54 Turkey River
22 Eightmile River	55 Soucook River
23 Swift River	56 Suncook River
24 East Branch Swift River	57 Mile Brook
25 Willimantic River	58 North River
26 Shetucket River	59 <i>Lamprey Designated River</i>
27 Ware River	60 Isinglass River
28 Quaboag River	61 Cochecho River
29 Upper Quinebaug River	62 Salmon Falls River
30 Quinebaug River	63 Kennebunk River
31 French River	64 Pleasant River
32 Fivemile River	65 Piscalagua River
33 Pawcatuck River	